Fig. 1

WIRELESS NETWORK

2

SMSC

12

message Database

21

INTERNET

22

24

INTERNET Gateway

20

START

USER LOGS INTO MESSAGE LOG SYSTEM — 210

USER ENTERS TEXT MESSAGE AND RECIPIENT IDENTIFIER — 220

ASSIGN UNIQUE TRACKING IDENTIFICATION NUMBER TO MESSAGE — 230

Generate Originating address USING TRACKING IDENTIFICATION NUMBER — 240

WRITE MESSAGE TO DATABASE — 250

SEND MESSAGE TO SMSC — 260

RECEIVE LAYER 3 ACK — 270

SEND LAYER 3 ACK TO INTERNET GATEWAY — 280

RECEIVE REPLY TO ORIGINAL MESSAGE — 290

RELATE DESTINATION ADDRESS TO TRACKING ID NO. AND WRITE RECORD TO DATABASE — 300

END

Fig. 2

304

Message Log for Jim Smith

Message	Sent	Recipient	Status	Delivered	Reply
Lunch today?	7/16/2001 11:00 AM	215-555-5551	message Delivered	7/16/2001 11:05 a.m.	OK.
Are you feeling better today?	7/16/2001 11:32 a.m.	Joe Jones	message Delivered	7/16/2001 11:33 a.m.	Much better, thanks
Where did you leave the keys?	7/16/2001 12:23 p.m.	Sue Brown	Message Delivered	7/16/2001 12:25 pm	

302

306 308 310 312 314

Fig. 3